

ABSTRACT OF THE DISCLOSURE

An open-ended coupler for joining a pipe to a larger opening defines a passageway having straight and angled sections. The straight section has a uniform inner diameter concentric about a centerline sized to receive the outer diameter of the pipe. The angled section has a narrow end with an inner diameter less than that of a wide end and of the straight section, and being at least as large as the inner diameter of the pipe. The angled section has an upper portion above the centerline that at least in part increases in radius from the narrow end to the wide end. A lower portion has a constant radius, at least along a line extending between the narrow and wide ends at a six o'clock position with respect to the open end of the angled section. A face groove holds an o-ring and an alignment tab fixes the rotational orientation of the coupler.